

Issuance Date

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
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15-xxxE CAB
File No. 0040-16

Mr. Darrell Goo
Senior Vice President of Operations
Maui Paving, LLC
P.O. Box 78
Honolulu, Hawaii 96810

Dear Mr. Goo:

SUBJECT: Temporary Covered Source Permit (CSP) No. 0040-01-CT
Minor Modification Application No. 0040-16
Maui Paving, LLC
186 TPH Hot Drum Mix Asphalt Concrete Plant
Located at: Various Temporary Sites, State of Hawaii
Current Location: Camp 10, Ameron Quarry, Puunene, Maui
Date of Expiration: April 24, 2019

The subject temporary covered source permit is issued in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1. The issuance of this permit is based on the plans, specifications, and information that you submitted as part of your minor modification application received on February 25, 2015. This permit shall supersede CSP No. 0040-01-CT issued on April 25, 2014, in its entirety.

The temporary covered source permit is issued subject to the conditions/requirements set forth in the following Attachments:

Attachment I:	Standard Conditions
Attachment II:	Special Conditions
Attachment II-INSIG:	Special Conditions - Insignificant Activities
Attachment III:	Annual Fee Requirements
Attachment IV:	Annual Emissions Reporting Requirements

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Issuance Date
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The following forms are enclosed for your use and submittal as required:

Compliance Certification Form
Monitoring Report Form: Asphalt Concrete Production Rate
Monitoring Report Form: Asphalt Concrete Production
Monitoring Report Form: Asphalt Concrete Production When Firing Cooking
Oil/Biodiesel
Monitoring Report Form: Spec Used Oil
Monitoring Report Form: Fuel Certification
Monitoring Report Form: Hours of Operation
Monitoring Report Form: Opacity Exceedances
Annual Emissions Report Form: Asphalt Concrete Plant Production
Change of Location Request Form

The following are enclosed for your use in monitoring visible emissions:

Visible Emissions Form Requirements, State of Hawaii
Visible Emissions Form

This permit, (a) shall not in any manner affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment; and (c) in no manner implies or suggests that the Department of Health, Clean Air Branch (herein after referred to as Department), or its officers, agents, or employees, assumes any liability, directly or indirectly, for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment.

If you have any questions, please contact Mr. Darin Lum of the Clean Air Branch at (808) 586-4200.

Sincerely,

STUART YAMADA, P.E., CHIEF
Environmental Management Division

DL:dh

c: Blake Shiigi, EHS – Maui
CAB Monitoring Section

**ATTACHMENT I: STANDARD CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

Issuance Date:

Expiration Date: April 24, 2019

This permit is granted in accordance with the Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control, and is subject to the following standard conditions:

1. Unless specifically identified, the terms and conditions contained in this permit are consistent with the applicable requirement, including form, on which each term or condition is based.

(Auth.: HAR §11-60.1-90)
2. This permit, or a copy thereof, shall be maintained at or near the source and shall be made available for inspection upon request. The permit shall not be willfully defaced, altered, forged, counterfeited, or falsified.

(Auth.: HAR §11-60.1-6; SIP §11-60-11)²
3. This permit is not transferable whether by operation of law or otherwise, from person to person, from place to place, or from one piece of equipment to another without the approval of the Department, except as provided in HAR, Section 11-60.1-91.

(Auth.: HAR §11-60.1-7; SIP §11-60-9)²
4. A request for transfer from person to person shall be made on forms furnished by the Department.

(Auth.: HAR §11-60.1-7)
5. In the event of any changes in control or ownership of the facilities to be constructed or modified, this permit shall be binding on all subsequent owners and operators. The permittee shall notify the succeeding owner and operator of the existence of this permit and its conditions by letter, copies of which will be forwarded to the Department and the U.S. Environmental Protection Agency (EPA), Region 9.

(Auth.: HAR §11-60.1-5, §11-60.1-7, §11-60.1-94)
6. The facility covered by this permit shall be constructed and operated in accordance with the application, and any information submitted as part of the application, for the Covered Source Permit. There shall be no deviation unless additional or revised plans are submitted to and approved by the Department, and the permit is amended to allow such deviation.

(Auth.: HAR §11-60.1-2, §11-60.1-4, §11-60.1-82, §11-60.1-84, §11-60.1-90)
7. This permit (a) does not release the permittee from compliance with other applicable statutes of the State of Hawaii, or with applicable local laws, regulations, or ordinances, and

(b) shall not constitute, nor be construed to be an approval of the design of the covered source.

(Auth.: HAR §11-60.1-5, §11-60.1-82)

8. The permittee shall comply with all the terms and conditions of this permit. Any permit noncompliance constitutes a violation of HAR, Chapter 11-60.1 and the Clean Air Act and is grounds for enforcement action; for permit termination, suspension, reopening, or amendment; or for denial of a permit renewal application.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-19, §11-60.1-90)

9. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid.

(Auth.: HAR §11-60.1-90)

10. The permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the terms and conditions of this permit.

(Auth.: HAR §11-60.1-90)

11. This permit may be terminated, suspended, reopened, or amended for cause pursuant to HAR, Sections, 11-60.1-10 and 11-60.1-98, and Hawaii Revised Statutes (HRS), Chapter 342B-27, after affording the permittee an opportunity for a hearing in accordance with HRS, Chapter 91.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-90, §11-60.1-98)

12. The filing of a request by the permittee for the termination, suspension, reopening, or amendment of this permit, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

(Auth.: HAR §11-60.1-90)

13. This permit does not convey any property rights of any sort, or any exclusive privilege.

(Auth.: HAR §11-60.1-90)

14. The permittee shall notify the Department and U.S. EPA, Region 9, in writing of the following dates:

- a. The **anticipated date of initial start-up** for each emission unit of a new source or significant modification not more than sixty (60) days or less than thirty (30) days prior to such date;
- b. The **actual date of construction commencement** within fifteen (15) days after such date; and
- c. The **actual date of start-up** within fifteen (15) days after such date.

(Auth.: HAR §11-60.1-90)

15. The permittee shall furnish, in a timely manner, any information or records requested in writing by the Department to determine whether cause exists for terminating, suspending, reopening, or amending this permit, or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Department copies of records required to be kept by the permittee. For information claimed to be confidential, the Director of Health may require the permittee to furnish such records not only to the Department but also directly to the U.S. EPA, Region 9, along with a claim of confidentiality.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

16. The permittee shall notify the Department in writing, of the **intent to shut down air pollution control equipment for necessary scheduled maintenance** at least twenty-four (24) hours prior to the planned shutdown. The submittal of this notice shall not be a defense to an enforcement action. The notice shall include the following:
 - a. Identification of the specific equipment to be taken out of service, as well as its location and permit number;
 - b. The expected length of time that the air pollution control equipment will be out of service;
 - c. The nature and quantity of emissions of air pollutants likely to be emitted during the shutdown period;
 - d. Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; and
 - e. The reasons why it would be impossible or impractical to shut down the source operation during the maintenance period.

(Auth.: HAR §11-60.1-15; SIP §11-60-16)²

17. **Except for emergencies which result in noncompliance with any technology-based emission limitation in accordance with HAR, Section 11-60.1-16.5, in the event any emission unit, air pollution control equipment, or related equipment malfunctions or breaks down in such a manner as to cause the emission of air pollutants in violation of HAR, Chapter 11-60.1 or this permit**, the permittee shall immediately notify the Department of the malfunction or breakdown, unless the protection of personnel or public health or safety demands immediate attention to the malfunction or breakdown and makes such notification infeasible. In the latter case, the notice shall be provided as soon as

practicable. Within five (5) working days of this initial notification, the permittee shall also submit, in writing, the following information:

- a. Identification of each affected emission point and each emission limit exceeded;
- b. Magnitude of each excess emission;
- c. Time and duration of each excess emission;
- d. Identity of the process or control equipment causing the excess emission;
- e. Cause and nature of each excess emission;
- f. Description of the steps taken to remedy the situation, prevent a recurrence, limit the excessive emissions, and assure that the malfunction or breakdown does not interfere with the attainment and maintenance of the National Ambient Air Quality Standards and state ambient air quality standards;
- g. Documentation that the equipment or process was at all times maintained and operated in a manner consistent with good practice for minimizing emissions; and
- h. A statement that the excess emissions are not part of a recurring pattern indicative of inadequate design, operation, or maintenance.

The submittal of these notices shall not be a defense to an enforcement action.

(Auth.: HAR §11-60.1-16; SIP §11-60-16)²

18. The permittee may request confidential treatment of any records in accordance with HAR, Section 11-60.1-14.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

19. This permit shall become invalid with respect to the authorized construction if construction is not commenced as follows:

- a. Within eighteen (18) months after the permit takes effect, is discontinued for a period of eighteen (18) months or more, or is not completed within a reasonable time.
- b. For phased construction projects, each phase shall commence construction within eighteen (18) months of the projected and approved commencement dates in the permit. This provision shall be applicable only if the projected and approved commencement dates of each construction phase are defined in Attachment II, Special Conditions, of this permit.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

20. The Department may extend the time periods specified in Standard Condition No. 19 upon a satisfactory showing that an extension is justified. Requests for an extension shall be submitted in writing to the Department.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

21. The permittee shall submit fees in accordance with HAR, Chapter 11-60.1, Subchapter 6.

(Auth.: HAR §11-60.1-90)

22. All certifications shall be in accordance with HAR, Section 11-60.1-4.

(Auth.: HAR §11-60.1-4, HAR §11-60.1-90)

23. The permittee shall allow the Director of Health, the Regional Administrator for the U.S. EPA and/or an authorized representative, upon presentation of credentials or other documents required by law:

- a. To enter the premises where a source is located or emission-related activity is conducted, or where records must be kept under the conditions of this permit and inspect at reasonable times all facilities, equipment, including monitoring and air pollution control equipment, practices, operations, or records covered under the terms and conditions of this permit and request copies of records or copy records required by this permit; and
- b. To sample or monitor at reasonable times substances or parameters to ensure compliance with this permit or applicable requirements of HAR, Chapter 11-60.1.

(Auth.: HAR §11-60.1-11, §11-60.1-90)

24. Within thirty (30) days of **permanent discontinuance of the construction, modification, relocation, or operation of a covered source covered by this permit**, the discontinuance shall be reported in writing to the Department by a responsible official of the source.

(Auth.: HAR §11-60.1-8; SIP §11-60-10)²

25. Each permit renewal application shall be submitted to the Department and the U.S. EPA, Region 9, no less than twelve (12) months and no more than eighteen (18) months prior to the permit expiration date. The Director may allow a permit renewal application to be submitted no less than six (6) months prior to the permit expiration date, if the Director determines that there is reasonable justification.

(Auth.: HAR §11-60.1-101, 40 CFR §70.5(a)(1)(iii))¹

26. The terms and conditions included in this permit, including any provision designed to limit a source's potential to emit, are federally enforceable unless such terms, conditions, or requirements are specifically designated as not federally enforceable.

(Auth.: HAR §11-60.1-93)

27. The compliance plan and compliance certification submittal requirements shall be in accordance with HAR, Sections 11-60.1-85 and 11-60.1-86. As specified in HAR,

Section 11-60.1-86, the compliance certification shall be submitted to the Department and the U.S. EPA, Region 9, once per year, or more frequently as set by any applicable requirement.

(Auth.: HAR §11-60.1-90)

28. **Any document (including reports) required to be submitted by this permit shall be certified as being true, accurate, and complete by a responsible official in accordance with HAR, Sections 11-60.1-1 and 11-60.1-4, and shall be mailed to the following address:**

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

Upon request and as required by this permit, all correspondence to the State of Hawaii Department of Health associated with this Covered Source Permit shall have duplicate copies forwarded to:

**Chief
Permits Office, (Attention: Air-3)
Air Division
U.S. Environmental Protection Agency
Region 9
75 Hawthorne Street
San Francisco, CA 94105**

(Auth.: HAR §11-60.1-4, §11-60.1-90)

29. To determine compliance with submittal deadlines for time-sensitive documents, the postmark date of the document shall be used. If the document was hand-delivered, the date received ("stamped") at the Clean Air Branch shall be used to determine the submittal date.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

¹The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

²The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT II: SPECIAL CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

Issuance Date:

Expiration Date: April 24, 2019

In addition to the standard conditions of the Covered Source Permit, the following special conditions shall apply to the permitted facility:

Section A. Equipment Description.

1. This attachment encompasses the 186 TPH hot batch mix asphalt concrete (AC) plant consisting of the following equipment and associated appurtenances:
 - a. 186 TPH Astec Industries parallel flow drum mixer/dryer (model no. PDM-630-C, serial no. 87-135);
 - b. Astec Industries baghouse (model no. PBH-30, serial no. 87-135, with eighteen (18) oz Nomex bags);
 - c. 725 kW Cummins diesel engine generator (DEG) (model no. QST30-G5 NR2, serial no. H060957555);
 - d. 1.25 MMBtu/hr HEATEC hot oil heater (model no. HCS-100, serial no. C97-110);
 - e. TelSmith scalping screen (model no. 3X6 SD VK, serial no. 44531);
 - f. Astec Industries four (4) compartment cold feed system with integrated Specmaker scalping screens (model no. PCF-1012-4SS, serial no. 87-135, fifteen (15) ton capacity);
 - g. Astec Industries drag conveyor (model no. DC 3695, serial no. 03-001-4204);
 - h. Astec Industries coater (serial no. 83-134, 5' L x 2' W x 3' H);
 - i. Two (2) asphalt concrete storage silos (200 ton capacity);
 - j. Astec Industries recycle feed bin (model no. RFRB-1014-1, serial no. 14-059-263062-1-1);
 - k. Various conveyors; and
 - l. 725 kW Cummins/Onan emergency diesel engine generator (model no. KTA38-G2, serial no. E950577135).

(Auth.: HAR §11-60.1-3)

2. An identification tag or name plate shall be displayed on the equipment listed above to show model no., serial no., and manufacturer. The identification tag or name plate shall be permanently attached to the equipment at a conspicuous location.

(Auth.: HAR §11-60.1-5)

Section B. Applicable Federal Regulations.

1. The AC plant is subject to the provisions of the following federal regulations:
 - a. 40 Code of Federal Regulations (CFR) Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions; and
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart I, Standards of Performance for Hot Mix Asphalt Facilities.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.90)¹

2. The 725 kW diesel engine generator is subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions;
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines;
 - c. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories (Maximum Achievable Control Technologies (MACT) Standards), Subpart A, General Provisions; and
 - d. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories (Maximum Achievable Control Technologies (MACT) Standards), Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, §11-60.1-174; 40 CFR §60.1, §60.4200, §63.1, §63.6585)¹

3. The 725 kW emergency diesel engine generator is subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories (Maximum Achievable Control Technologies (MACT) Standards), Subpart A, General Provisions; and
 - b. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories (Maximum Achievable Control Technologies (MACT) Standards), Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.1, §63.6585)¹

4. The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, testing, monitoring, and reporting requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section C. Operational and Emission Limitations.

1. Drum Mixer/Dryer
 - a. The maximum asphalt concrete production rate for the AC plant shall not exceed 186 tons per hour.
 - b. The total production of asphalt concrete for the AC plant shall not exceed 372,000 tons in any rolling twelve-month (12-month) period.

- c. Power for the AC plant shall be provided only by the 725 kW diesel engine generator, except as allowed by Attachment II, Special Condition Nos. C.4 and C.9.
- d. The drum mixer/dryer shall only be fired on the following fuels:
 - i. Fuel oil no. 2 with a maximum sulfur content not to exceed 0.5% by weight;
 - ii. Propane, natural gas, or synthetic natural gas (SNG);
 - iii. Specification used oil meeting requirements of Special Condition No. C.1.e of this Attachment;
 - iv. Cooking oil or biodiesel meeting requirements of Special Condition No. C.1.f of this Attachment; or
 - v. Any combination thereof.
- e. Specification (Spec) Used Oil
 - i. The permit conditions prescribed herein may be revised at any time by the Department to reflect state or federal promulgated rules on used oil.
 - ii. This permit shall not release the permittee from compliance with all applicable state and federal rules and regulations on the handling, transporting, storing, and burning of used oil.
 - iii. Spec used oil shall be obtained only from sources within Grace Pacific Corporation or from Unitek. An analysis report shall accompany the delivery of each batch of spec used oil obtained from Unitek. Spec used oil may be obtained from other sources, provided written notification identifying the new source is submitted to the Department, and approved, prior to the acceptance of the spec used oil.
 - iv. Samples of the used oil generated from Grace Pacific Corporation shall be taken from the holding tanks or drums, and composited and analyzed for compliance with the limits in Special Condition No. C.1.e.vii of this Attachment, prior to being emptied into the 3,870 gallon reclaim tank. These samples shall be taken in such a manner that the composite sample is representative of the used oil generated by the facility for that period of time. The composite sample shall represent no more than 3,870 gallons of used oil or all of the oil collected in any three-month (3-month) period, whichever is less.
 - v. Each composite sample shall be submitted in a timely manner to a qualified laboratory and an analysis report shall be obtained for the constituents/properties for which limits are given in Special Condition No. C.1.e.vii of this Attachment.
 - vi. This permit does not authorize the permittee to burn hazardous waste. The permittee shall not burn the used oil if declared or determined to be a hazardous waste.
 - vii. The following constituents/properties of spec used oil shall conform to the specified limits listed below:

Constituent/Property Allowable Limit

Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	1000 ppm maximum
Sulfur	0.5% maximum by weight
Flash Point	100°F minimum
Polychlorinated Biphenyls (PCB)	< 2 ppm

- viii. Should the results of any used oil analyses deem the sample to be hazardous, the contaminated containers shall be identified and isolated from the non-contaminated containers and properly disposed. Fuel blending to meet the constituents/properties limits stated in Special Condition No. C.1.e.vii of this Attachment is allowed only for spec used oil that was not deemed hazardous.

f. Cooking Oil/Biodiesel

- i. The total production of asphalt concrete for the AC plant when firing cooking oil and/or biodiesel shall not exceed 199,950 tons in any rolling twelve-month (12-month) period.
- ii. Solids and residual water shall be removed from the cooking oil as part of a decanting process if the cooking oil was used in food processing or collected from grease traps.
- iii. The Department, at any time, may require the permittee to conduct an analysis for the constituents/properties of the cooking oil and establish limits to ensure compliance with any state or federal requirements.
- iv. The Department reserves the right to impose additional operational controls and restrictions to abate odors if a site evaluation indicates controls and/or restrictions are necessary for the burning of cooking oil.
- v. Biodiesel shall be obtained only from Pacific Biodiesel. Biodiesel may be obtained from other sources, provided written notification identifying the new source is submitted to the Department, and approved, prior to the acceptance of the biodiesel.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-38, §11-60.1-90; 40 CFR §60.42c(d), §279.11, 40 CFR §63.6675)¹

2. Baghouse

- a. The baghouse shall be utilized at all times during the operation of the AC plant.
- b. The pressure drop of the baghouse shall be maintained between three (3) to five (5) inches H₂O. The permittee shall take corrective action if monitoring indicates deviations from the pressure drop requirements.
- c. The permittee shall follow a regular maintenance schedule, as recommended by the manufacturer, to ensure proper operation of the baghouse.
- d. The permittee shall ensure the following items of the baghouse are operating properly:

- i. The filter bags are checked for any tears, holes, abrasions, and scuffs; and replaced as needed.
- ii. The hopper is discharged in a timely manner to prevent excessive particulate buildup which could cause compaction, overflow, or plugging.
- iii. The cleaning system is maintained and operated at sufficient intervals to minimize particulate buildup or caking on the filter bags.
- iv. Other miscellaneous items/equipment essential for the effective operation of the baghouse are maintained.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

3. 725 kW Diesel Engine Generator

- a. The total hours of operation of the 725 kW diesel engine generator shall not exceed 2,000 hours in any rolling twelve-month (12-month) period.
- b. The 725 kW diesel engine generator shall be fired only on diesel no. 2 with a maximum sulfur content of 0.0015% by weight; and a minimum cetane index of forty (40) or a maximum aromatic content of thirty five (35) volume percent.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.4207)¹

4. 725 kW Emergency Diesel Engine Generator

- a. The 725 kW emergency diesel engine generator shall be fired only on diesel no. 2 with a maximum sulfur content not to exceed 0.5% by weight;
- b. The permittee shall change the engine oil and filter every 500 hours of operation or annually, whichever comes first;
- c. The permittee shall inspect the engine air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;
- d. The permittee shall inspect all engine hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary;
- e. The engine idling during startup shall be minimized and startup shall not exceed thirty (30) minutes;
- f. The 725 kW emergency diesel engine generator shall meet the definition of an Emergency Stationary RICE as described in 40 CFR §63.6675. The engine shall comply with the requirements specified in 40 CFR §63.6640(f), with the following exceptions:
 - i. The total hours of operation (emergency operation, maintenance checks, and readiness testing) of the 725 kW emergency diesel engine generator shall not exceed 500 hours in any rolling twelve-month (12-month) period. The total combined hours of operation of the 725 kW diesel engine generator and the 725 kW emergency diesel engine generator shall not exceed 2,000 hours in any rolling twelve-month (12-month) period;

ii. The 725 kW emergency diesel engine generator may be operated for up to 100 hours per calendar year for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine.

g. The permittee shall operate and maintain the 725 kW emergency diesel engine generator and after-treatment control device (if any) according to the manufacturer's emission related written instructions or develop you own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, 40 CFR §63.6604, §63.6625, §63.6640, §63.6675)¹

5. Hot Oil Heater

The hot oil heater shall only be fired on the following fuels:

- a. Fuel oil no. 2 with a maximum sulfur content not to exceed 0.5% by weight;
- b. Propane, natural gas, or synthetic natural gas (SNG); or
- c. Any combination thereof.

(Auth.: HAR §11-60.1-3, §11-60.1-38, §11-60.1-90)

6. Fugitive Dust

- a. The permittee shall take measures to control fugitive dust (e.g., wet suppression, enclosures, etc.) at all material transfer points, throughout the workyard, and at the stockpile bunkers. The Department at any time may require the permittee to further abate fugitive dust emissions if an inspection indicates poor or insufficient control.
- b. The permittee shall not cause or permit fugitive dust to become airborne without taking reasonable precautions nor cause or permit fugitive dust beyond the lot line of the property on which the emissions originate.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-33, §11-60.1-90)

7. The permittee shall not discharge or cause the discharge into the atmosphere from the exhaust stack of the baghouse, particulate matter in excess of ninety (90) mg/dscm (0.04 gr/dscf).

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.92)¹

8. For any six (6) minute averaging period, the baghouse, 725 kW diesel engine generator, hot oil heater, and 725 kW emergency diesel engine generator shall not exhibit visible emissions of twenty (20) percent or greater, except as follows. During start-up, shutdown,

or equipment breakdown, the baghouse, 725 kW diesel engine generator, hot oil heater, and 725 kW emergency diesel engine generator may exhibit visible emissions not greater than sixty (60) percent opacity for a period aggregating not more than six (6) minutes in any sixty (60) minutes.

(Auth.: HAR §11-60.1-3, §11-60.1-32, §11-60.1-90; 40 CFR §60.92; SIP §11-60-24)^{1,2}

9. Alternate Operating Scenario

- a. The permittee may replace the 725 kW diesel engine generator with a temporary replacement unit if any repair reasonably warrants the removal of the 725 kW diesel engine generator from its site (i.e., equipment failure, engine overhaul, or any major equipment problems requiring maintenance for efficient operation) and the following provisions are adhered to:
 - i. Notification and approval in accordance with Special Condition No. E.7.a of this Attachment;
 - ii. The temporary replacement unit is similar in size with equal or lesser emissions;
 - iii. The temporary replacement unit complies with all applicable conditions including all air pollution control equipment requirements, operating restrictions, and emission limits;
 - iv. The installation/operation of the temporary replacement unit shall not exceed twelve (12) consecutive months;
 - v. The 725 kW diesel engine generator shall be repaired and returned to service at the same location in a timely manner; and
 - vi. Removal and return information is submitted as required by Special Condition No. E.7.b of this Attachment.
- b. The Department may require an ambient air quality assessment of the temporary unit, and/or provide a conditional approval to impose additional monitoring, testing, recordkeeping, and reporting requirements to ensure the temporary unit is in compliance with the applicable requirements of the permitted unit being temporarily replaced;
- c. Records shall be maintained in accordance with Special Condition No. D.7 of this Attachment; and
- d. The terms and conditions under each operating scenario shall meet all applicable requirements, including special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

Section D. Monitoring and Recordkeeping Requirements.

1. Total Fuel Usage and Specifications

The permittee shall keep receipts of fuel deliveries identifying the delivery dates, fuel type, sulfur content (percent by weight), cetane index or aromatic content (volume percent), and amount (gallons) of fuel received. Fuel sulfur content, cetane index, and aromatic content maybe demonstrated by providing the supplier's fuel specification sheet for the type of fuel purchased and received. Individual records on the total amount (gallons) of fuel fired in the drum dryer, 725 kW diesel engine generator, hot oil heater, and 725 kW emergency diesel engine generator shall be maintained on an annual basis for the purpose of annual emissions reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

2. Baghouse

A magnehelic/photohelic gauge shall be operated and maintained to monitor the pressure drop of the baghouse. The permittee shall monitor the pressure drop (in inches H₂O) across the baghouse at least once during each AC plant operation.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

3. Inspection, Maintenance, and Repair Log

The permittee shall maintain records on inspections, maintenance, and any repair work conducted on the AC plant. At a minimum, these records shall include: the date of the inspection; the name and title of the inspector; a short description of the action and/or any such repair work; and a description of the part(s) inspected or repaired (including replacement of filter bags).

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

4. Production Rate and Hours of Operation

- a. The permittee shall operate and maintain a cell tech meter for the monitoring of the maximum production rate (tons/hour) of the AC plant for the purpose of showing compliance with Special Condition No. C.1.a of this Attachment.
- b. The permittee shall operate and maintain a non-resetting hour meter on the AC plant for the continuous and permanent recording of the total hours of operation of the AC plant.
- c. The permittee shall install, operate and maintain non-resetting hour meters on the 725 kW diesel engine generator and 725 kW emergency diesel engine generator for the continuous and permanent recording of the total hours of operation of the engines for the purpose of showing compliance with Special Condition Nos. C.3.a and C.4.f.i of this Attachment.

- d. The non-resetting meter(s) shall not allow the manual resetting or other manual adjustments of the meter readings. The installation of any new non-resetting meters or the replacement of any existing non-resetting meters shall be designed to accommodate a minimum of five (5) years of equipment operation, considering any operational limitations, before the meter returns to a zero reading.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, 40 CFR §66.6625)¹

5. Visible Emissions (V.E.)

The permittee shall conduct **monthly** (*calendar month*) visible emissions observations of the exhaust stack of the baghouse, 725 kW diesel engine generator, and hot oil heater by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9, or U.S. EPA approved equivalent methods, or alternate methods with prior written approval from the Department. For the monthly observation, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the **Visible Emissions Form Requirements**.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

6. Recordkeeping

The permittee shall maintain records on the following:

- a. The maximum production rate (tons/hour) of asphalt concrete produced by the AC plant on a daily and monthly basis to demonstrate compliance with Special Condition No. C.1.a of this Attachment.
- b. The total production (tons) of asphalt concrete produced by the AC plant on monthly and rolling twelve-month (12-month) basis to demonstrate compliance with Special Condition No. C.1.b of this Attachment. Monthly records shall include:
 - i. Date of meter reading;
 - ii. Meter reading at the beginning of each month;
 - iii. Production rate for each month; and
 - iv. Production rate on a rolling twelve-month (12-month) basis.
- c. The total production (tons) of asphalt concrete produced by the AC plant when firing cooking oil and/or biodiesel on a monthly and rolling twelve-month (12-month) basis to demonstrate compliance with Special Condition No. C.1.f.i of this Attachment. Monthly records shall include:
 - i. Date of meter reading;
 - ii. Meter reading at the beginning of each month;
 - iii. Production rate for each month; and
 - iv. Production rate on a rolling twelve-month (12-month) basis.

- d. The total hours of operation of the 725 kW diesel engine generator on a monthly and rolling twelve-month (12-month) basis to demonstrate compliance with Special Condition No. C.3.a of this Attachment. Monthly records shall include:
 - i. Date of meter reading;
 - ii. Meter reading at the beginning of each month;
 - iii. Total hours of operation for each month; and
 - iv. Total hours of operation on a rolling twelve-month (12-month) basis.
- e. The total hours of operation of the 725 kW emergency diesel engine generator on a monthly and rolling twelve-month (12-month) basis to demonstrate compliance with Special Condition No. C.4.f.i of this Attachment. Monthly records shall include:
 - i. Date of meter reading;
 - ii. Meter reading at the beginning of each month;
 - iii. Total hours of operation for each month;
 - iv. Total hours of operation on a rolling twelve-month (12-month) basis; and
 - v. Indication of the hours of operation associated with maintenance checks and readiness testing to demonstrate compliance with Special Condition No. C.4.f.ii of this Attachment.
- f. Maintenance records for the 725 kW emergency diesel engine generator to demonstrate compliance with Special Condition Nos. C.4.b, C.4.c, and C.4.d of this Attachment.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

7. Alternate Operating Scenario

The permittee shall contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility, the scenario under which it is operating.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

8. All records, including support information, shall be maintained for **at least five (5) years** following the date of the monitoring sample, measurement, test, report, or application. Support information includes all maintenance, inspection, and repair records, and copies of all reports, required by this permit. These records shall be true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department or their representative upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, SIP §11-60-15)²

Section E. Notification and Reporting Requirements.

1. Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 14, 16, 17, and 24 respectively:
 - a. Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up;
 - b. Intent to shut down air pollution control equipment for necessary scheduled maintenance;
 - c. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and
 - d. Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90; SIP §11-60-10, §11-60-16)²

2. Deviations

The permittee shall report (in writing) **within five (5) working days** any deviations from permit requirements, including those attributable to upset conditions, the probable cause of such deviations and any corrective actions or preventive measures taken. Corrective actions may include a requirement for stack testing, or more frequent monitoring, or could trigger implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)

3. Monitoring

The permittee shall submit, **semi-annually**, the attached *Monitoring Report Forms: Asphalt Concrete Production Rate; Asphalt Concrete Production; Asphalt Concrete Production When Firing Cooking Oil/Biodiesel; Spec Used Oil; Fuel Certification; Hours of Operation and Opacity Exceedances* to the Department. The reports shall be submitted **within sixty (60) days after the end of each semi-annual calendar period** (January 1 to June 30 and July 1 to December 31), and shall be signed and dated by a responsible official.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

4. Annual Emissions

As required by *Attachment IV: Annual Emissions Reporting Requirements* and in conjunction with the requirements of *Attachment III: Annual Fee Requirements*, the permittee shall report **annually** the total tons/year emitted of each regulated air pollutant, including hazardous air pollutants. The reporting of annual emissions is due **within sixty (60) days following the end of each calendar year**. The enclosed *Annual Emissions Report Forms: Asphalt Concrete Plant Production*, shall be used.

Upon the written request of the permittee, the deadline for reporting of annual emissions may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-3, §11-60.1-90, 40 CFR 51 Subpart Q)

5. Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form** pursuant to HAR, §11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

- a. The identification of each term or condition of the permit that is the basis of the certification;
- b. The compliance status;
- c. Whether compliance was continuous or intermittent;
- d. The methods used for determining the compliance status of the source currently and over the reporting period;
- e. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
- f. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and in which the excursion or exceedance as defined in 40 CFR 64 occurred; and
- g. Any additional information as required by the Department including information to determine compliance.

The Compliance certification shall be submitted within **sixty (60) days** after the end of calendar year and shall be signed and dated by a responsible official.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

6. Alternate Operating Scenario

- a. The permittee shall submit a written request and receive prior written approval from the Department before the exchange. The written request shall identify at a minimum the reasons for the replacement of the 725 kW diesel engine generator from the site of operation and the estimated time period/dates for the temporary replacement, type, and size of the temporary unit, emissions data, and stack parameters.

- b. Prior to the removal and return of the 725 kW diesel engine generator, the permittee shall submit to the Department written documentation on the removal and return dates and on the make, size, model and serial numbers for both the temporary replacement unit and the installed unit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section F. Testing Requirements.

1. On an annual basis, or other times as specified by the Department, the permittee shall conduct or cause to be conducted source performance tests on the exhaust stack of the baghouse. Source performance tests shall be conducted for particulate matter (PM) and opacity.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.8)¹

2. Source performance tests for the emissions of PM and the determination of opacity shall be conducted and results reported in accordance with the test methods set forth in 40 CFR Part 60, Appendix A, and 40 CFR Part 60.8. The following test methods, or U.S. EPA approved equivalent methods with prior written approval from the Department, or alternative methods with prior written approval from the Department shall be used:
 - a. Source performance tests for the emissions of particulate matter shall be conducted using 40 CFR Part 60 Methods 1-5. For Method 5, the sampling time for each run shall be at least sixty (60) minutes and the minimum sample volume shall be at least 0.90 dscm (31.8 dscf).
 - b. Source performance tests to determine opacity shall be conducted using 40 CFR Part 60, Method 9.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8)¹

3. Note that Method 1 cannot be used under the following conditions:
 - a. Cyclonic or swirling gas flow at the sampling location;
 - b. Stack or duct with a diameter less than twelve (12) inches or a cross-sectional area less than 113 square inches; or
 - c. Sampling location less than two (2) stack or duct diameters downstream or less than a half diameter upstream from a flow disturbance.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR 60 Appendix A-1)¹

4. Particulate emissions shall be reported in two (2) categories:
 - a. Front half (filter and probe); and
 - b. Front and back half (probe, filter, and impingers). When conducting back half clean-up, all connectors and tubing of the back half sampling train up to and including the first impinger shall be properly rinsed with acetone. Connecting glassware after the first impinger and the other impingers shall be rinsed with water. All rinses shall be included in the analysis for back half.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR 60 Appendix A-5)¹

5. For each run, the emission rate of particulate matter shall be determined by the equation pounds/hour = $Q_s \times c_s$, where Q_s = volumetric flow rate of the total effluent in dscf/hour as determined in accordance with Method 2, and c_s = concentration of particulate matter in pounds/dscf as determined in accordance with Method 5.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8)¹

6. The performance test for the emissions of particulate matter and opacity shall consist of three (3) separate one (1) hour runs using the applicable test method. For the purpose of determining compliance with an applicable regulation, the arithmetic mean of the results from the three (3) runs shall apply.
 - a. For each run, the asphalt production rate in tons/hour shall be provided. The permittee shall document the methodology by which the asphalt production rate was determined.
 - b. The pressure drop across the baghouse, in inches H₂O, shall be recorded and reported for each run. There shall be one (1) reading per run unless the value changes, then the reading shall be continuous (once every 15 minutes).

(Auth.: HAR §11-60.1-5, §11-60.1-11, §11-60.1-90; 40 CFR §60.8)¹

7. **At least thirty (30) days prior to conducting the source performance test**, the permittee shall submit a written source performance test plan to the Department and U.S. EPA, Region 9, that includes date(s) of the test, test duration, test locations, test methods, source operation, and other parameters that may affect test results. Such a plan shall conform to U.S. EPA guidelines including quality assurance procedures. A test plan or quality assurance plan that does not have the approval of the Department may be grounds to invalidate any test and require a retest.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8, SIP §11-60-15)^{1,2}

8. Source performance testing shall be made at the expense of the permittee and shall be conducted at the maximum expected operating capacity of the AC plant. The Department may monitor the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8, SIP 11-60.1-15)²

9. Any deviations from these conditions, test methods, or procedures may be cause for rejection of the test results unless such deviations are approved by the Department before the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8)

10. **Within sixty (60) days after** completion of the source performance test, the permittee shall submit to the Department and U.S. EPA, Region 9, the test report which shall include the operating conditions of the AC plant at the time of the test, the analysis of the fuel oil, the summarized test results, other pertinent support calculations, and field/laboratory data.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8, SIP 11-60.1-15)²

11. Upon written request and justification by the permittee, the Department may waive the requirement for, or a portion of, a specific source performance test. The waiver request shall be submitted prior to the required test and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior tests indicating compliance by a wide margin, documentation of continuing compliance, and further, that operations of the source have not changed since the previous source performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

Section G. Change of Location Requirements

1. The permittee shall submit information regarding all location changes to the Department for approval at least **thirty (30) days**, or such lesser time as designated and approved by the Department, prior to the change in location. The information submitted shall include the following:
- a. Name, address, phone number of the facility, and the plant site manager, or other contact;
 - b. Temporary covered source permit number and expiration date;
 - c. Identification of current location;
 - d. Location map of the proposed new temporary location containing the following information:
 - i. Identification of the property boundary, any fence lines, and general terrain features (i.e., flat, hilly, steep);
 - ii. Location of all structures within 100 meters of the equipment. Provide the building dimensions (height, length, and width) of all structures that have heights greater than forty percent (40%) of the stack height of the equipment;
 - iii. Identification of any other air pollution sources at the new location;
 - iv. List of the equipment, equipment numbers, and plant configuration; and
 - v. If the permittee is hauling the processed materials off-site:

- (1) The length of unpaved roads used to haul processed material away; and
- (2) The total unpaved road vehicle miles of the trucks used to haul the material away.

- e. Area map showing the proposed new location of the equipment;
- f. Projected dates of operation at the new location;
- g. Equipment to be used at the site with the maximum projected operating hours and maximum estimated emissions (tons/yr);
- h. Identification of any other air pollution sources at the new location;
- i. Certification that no modification will be made to the equipment, and operational methods will remain similar as permitted under this temporary covered source permit at the new location; and
- j. Any additional information as requested by the Department, including an ambient air quality impact assessment of the facility at the new location.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

2. The applicable filing fee shall be submitted to the Department with each change in location request and made payable to the **Clean Air Special Fund-COV**.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

3. Prior to any relocation, the Department shall approve, conditionally approve, or deny in writing, each location change. The change of location approval, or a copy thereof, shall be maintained near the source and shall be made available for inspection upon request by the Department. If the Department denies a location change, the applicant may appeal the decision pursuant to HRS, Chapter 91.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

4. At each of the authorized locations, the permittee shall operate in accordance with this temporary covered source permit and all applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

5. All the information required in this section shall be submitted to the Department using the attached form, **Change of Location Request for a Temporary Source**, including the area map showing the new proposed location.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

6. The operation of the AC plant shall be temporary and involve at least one change in location during the term of this temporary CSP. If the AC plant remains in any one location for longer than twelve (12) consecutive months, the Department may request an ambient air quality impact assessment of the source.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

Section H. Agency Notification.

Any document (including reports) required to be submitted by this permit shall be done in accordance with Attachment I, Standard Condition 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

¹The citation to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

²The citation to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT II - INSIG
SPECIAL CONDITIONS - INSIGNIFICANT ACTIVITIES
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

Issuance Date:

Expiration Date: April 24, 2019

In addition to the Standard Conditions of the Covered Source Permit, the following Special Conditions shall apply to the permitted facility:

Section A. Equipment Description

This attachment encompasses insignificant activities listed in HAR, §11-60.1-82(f) and (g) for which provisions of this permit and HAR, Subchapter 2, General Prohibitions, apply.

(Auth.: HAR §11-60.1-3)

Section B. Operational Limitations

1. The permittee shall take measures to operate applicable insignificant activities in accordance with the provisions of HAR, Subchapter 2 for visible emissions, fugitive dust, incineration, process industries, sulfur oxides from fuel combustion, storage of volatile organic compounds, volatile organic compound water separation, pump and compressor requirements, and waste gas disposal.

(Auth.: HAR §11-60.1-3, §11-60.1-82, §11-60.1-90)

2. The Department may at any time require the permittee to further abate emissions if an inspection indicates poor or insufficient controls.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-82, §11-60.1-90)

Section C. Monitoring and Recordkeeping Requirements

1. The Department reserves the right to require monitoring, recordkeeping, or testing of any insignificant activity to determine compliance with the applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

2. All records shall be maintained for at least five (5) years from the date of any required monitoring, recordkeeping, testing, or reporting. These records shall be true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department or its authorized representative upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

Section D. Notification and Reporting

Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached *Compliance Certification Form* pursuant to HAR, §11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

1. The identification of each term or condition of the permit that is the basis of the certification;
2. The compliance status;
3. Whether compliance was continuous or intermittent;
4. The methods used for determining the compliance status of the source currently and over the reporting period;
5. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
6. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and in which the excursion or exceedances as defined in 40 CFR 64 occurred; and
7. Any additional information as required by the Department including information to determine compliance.

The compliance certification shall be submitted **within sixty (60) days** after the end of each calendar year, and shall be signed and dated by a responsible official.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

In lieu of addressing each emission unit as specified in *Compliance Certification Form*, the permittee may address insignificant activities as a single unit provided compliance is met with all applicable requirements. If compliance is not totally attained, the permittee shall identify the specific insignificant activity and provide the details associated with the noncompliance.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

Section E. Agency Notification

Any document (including reports) required to be submitted by this Covered Source Permit shall be done in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

PROPOSED

ATTACHMENT III: ANNUAL FEE REQUIREMENTS TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT

Issuance Date:

Expiration Date: April 24, 2019

The following requirements for the submittal of annual fees are established pursuant to Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control. Should HAR, Chapter 60.1 be revised such that the following requirements are in conflict with the provisions of HAR, Chapter 60.1, the permittee shall comply with the provisions of HAR, Chapter 60.1:

1. Annual fees shall be paid in full:
 - a. Within **sixty (60) days** after the end of each calendar year; and
 - b. Within **thirty (30) days** after the permanent discontinuance of the covered source.
2. The annual fees shall be determined and submitted in accordance with Hawaii Administrative Rules, Chapter 11-60.1, Subchapter 6.
3. The annual emissions data for which the annual fees are based shall accompany the submittal of any annual fees and be submitted on forms furnished by the Department of Health.
4. The annual fees and the emission data shall be mailed to:

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

PROPOSED

ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT

Issuance Date:

Expiration Date: April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

1. Complete the attached form:

Annual Emissions Report Form: Asphalt Concrete Plant Production

2. The reporting period shall be from January 1 to December 31 of each year. All reports shall be submitted to the Department of Health within **sixty (60) days** after the end of each calendar year and shall be mailed to the following address:

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

3. The permittee shall retain the information submitted, including all emission calculations. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department of Health upon request.
4. Any information submitted to the Department of Health without a request for confidentiality shall be considered public record.
5. In accordance with HAR, Section 11-60.1-14, the permittee may request confidential treatment of specific information, including information concerning secret processes or methods of manufacture, by submitting a written request to the Director and clearly identifying the specific information that is to be accorded confidential treatment.

PROPOSED

COMPLIANCE CERTIFICATION FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT
PAGE 1 OF ____

Issuance Date:

Expiration Date: April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following certification at least annually, or more frequently as requested by the Department.

(Make Copies of the Compliance Certification Form for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, and any permit issued thereof.

PROPOSED

COMPLIANCE CERTIFICATION FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT
(CONTINUED, PAGE 2 OF ____)

Issuance Date:

Expiration Date: April 24, 2019

The purpose of this form is to evaluate whether or not the facility was in compliance with the permit terms and conditions during the covered period. If there were any deviations to the permit terms and conditions during the covered period, the deviation(s) shall be certified as *intermittent compliance* for the particular permit term(s) or condition(s). Deviations include failure to monitor, record, report, or collect the minimum data required by the permit to show compliance. In the absence of any deviation, the particular permit term(s) or condition(s) may be certified as *continuous compliance*.

Instructions:

Please certify Sections A, B, and C below for continuous or intermittent compliance. Sections A and B are to be certified as a group of permit conditions. Section C shall be certified individually for each operational and emissions limit condition as listed in the Special Conditions section of the permit (list all applicable equipment for each condition). Any deviations shall also be listed individually and described in Section D. The facility may substitute its own generated form in verbatim for Sections C and D.

A. Attachment I, Standard Conditions

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
All standard conditions	All Equipment listed in the permit	

B. Special Conditions - Monitoring, Recordkeeping, Reporting, Testing, and INSIG

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
All monitoring conditions	All Equipment listed in the permit	
<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
All recordkeeping conditions	All Equipment listed in the permit	
<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
All reporting conditions	All Equipment listed in the permit	
<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
All testing conditions	All Equipment listed in the permit	
<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
All INSIG conditions	All Equipment listed in the permit	

PROPOSED

COMPLIANCE CERTIFICATION FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT
(CONTINUED, PAGE ____ OF ____)

Issuance Date: April 25, 2014

Expiration Date: April 24, 2019

C. Special Conditions - Operational and Emissions Limitations

Each permit term/condition shall be identified in chronological order using attachment and section numbers (e.g., Attachment II, B.1, Attachment IIA, Special Condition No. B.1.f, etc.). Each equipment shall be identified using the description stated in Section A of the Special Conditions (e.g., unit no., model no., serial no., etc.). Check all methods (as required by permit) used to determine the compliance status of the respective permit term/condition.

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Method</u>	<u>Compliance</u>
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

(Make Additional Copies if Needed)

PROPOSED

**COMPLIANCE CERTIFICATION FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT
(CONTINUED, PAGE ____ OF ____)**

Issuance Date:

Expiration Date: April 24, 2019

D. Deviations

<u>Permit Term/ Condition</u>	<u>Equipment / Brief Summary of Deviation*</u>	<u>Deviation Period time (am/pm) & date (mo/day/yr)</u>	<u>Date of Written Deviation Report to DOH (mo/day/yr)</u>
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	

*Identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR 64 occurred.

(Make Additional Copies if Needed)

PROPOSED

ANNUAL EMISSIONS REPORT FORM ASPHALT CONCRETE PLANT PRODUCTION TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT

Issuance Date:

Expiration Date: **April 24, 2019**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

(Make Copies for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Equipment Location: _____

Serial/ID No.: _____

Asphalt Plant Type: _____ Rated Capacity (specify units): _____

☐ Dryer-Drum

Equipment ¹	Type of Fuel ²	Fuel Usage (gal/yr)	Asphalt Concrete (ton/yr)	Notes
Drum Mixer/Dryer	fuel oil no. 2			
	spec used oil			
	cooking oil			
	biodiesel			
	propane, natural gas, SNG			
725 kW DEG	diesel no. 2			
Hot Oil Heater	fuel oil no. 2			
	propane, natural gas, SNG			

¹ Equipment: List all fuel burning equipment associated with the asphalt plant (including drum dryer, DEG, and hot oil heater).

² Types of Fuel: • Residual Oil: Specify Grade, No. 6, 5, or 4; • Liquefied Petroleum Gas, Butane or Propane;
 • Distillate Oil (No. 2); • If Other, specify.

Type of Air Pollution Control

In Use?
Yes or No
Yes or No

Pollutant Controlled

% reduction

If air pollution control was not in use, submit written information describing the situation.

PROPOSED

**MONITORING REPORT FORM
ASPHALT CONCRETE PRODUCTION RATE
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

Issuance Date:

Expiration Date: April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information, semi-annually:

(Make Copies for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Equipment Capacity/Rating (specify units): _____
(Units such as Horsepower, kilowatt, etc.)

Serial/ID No.: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

	Maximum AC Production Rate Highest Reading (tons/hr)
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

PROPOSED

**MONITORING REPORT FORM
ASPHALT CONCRETE PRODUCTION
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

Issuance Date:

Expiration Date: April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information, semi-annually:

(Make Copies for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Equipment Capacity/Rating (specify units): _____
(Units such as Horsepower, kilowatt, etc.)

Serial/ID No.: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

	AC Production – Monthly Basis (tons of AC)	AC Production – Rolling 12-Month Basis (tons of AC)	Meter Readings
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

PROPOSED

**MONITORING REPORT FORM
ASPHALT CONCRETE PRODUCTION WHEN FIRING COOKING OIL/BIODIESEL
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

Issuance Date:

Expiration Date: April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information, semi-annually:

(Make Copies for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Equipment Capacity/Rating (specify units): _____
(Units such as Horsepower, kilowatt, etc.)

Serial/ID No.: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

	AC Production – Monthly Basis (tons of AC)	AC Production – Rolling 12-Month Basis (tons of AC)	Meter Readings
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

PROPOSED

MONITORING REPORT FORM SPEC USED OIL TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT

Issuance Date:

Expiration Date: April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information, semi-annually:

(Make Copies for Future Use)

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Equipment Capacity/Rating (specify units) _____
(Units such as Horsepower, kilowatt, tons.hour, etc.)

Serial/ID No.: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

1. Number of used oil analyses received/performed for this report period: _____

2. **Spec Used Oil**

Indicate the highest spec used oil analyses results received/performed for this report period (flash point should be lowest):

Constituent/Property

Highest Results

Arsenic	_____ ppm by weight
Cadmium	_____ ppm by weight
Chromium	_____ ppm by weight
Lead	_____ ppm by weight
Total Halogens	_____ ppm by weight
Sulfur	_____ % by weight
Flash Point	_____ °F
Polychlorinated Biphenyls (PCB)	_____ ppm by weight

PROPOSED

**MONITORING REPORT FORM
FUEL CERTIFICATION
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

Issuance Date:

Expiration Date: April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually:

(Make Copies for Future Use)

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Equipment Capacity/Rating (specify units): _____
(Units such as horsepower, kilowatt, tons/hour, etc.)

Serial/ID No.: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

EQUIPMENT	TYPE OF FUEL FIRED	MAXIMUM SULFUR CONTENT (% BY WEIGHT)	MINIMUM CETANE INDEX	MAXIMUM AROMATIC CONTENT (VOLUME %)
725 kW Diesel Engine Generator				
725 kW Emergency Diesel Engine Generator			NA	NA
Drum Mixer/Dryer			NA	NA
Hot Oil Heater			NA	NA

**MONITORING REPORT FORM
HOURS OF OPERATION
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

Issuance Date:**Expiration Date:** April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information, semi-annually:

(Make Copies for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Equipment Capacity/Rating (specify units): _____
(Units such as Horsepower, kilowatt, etc.)

Serial/ID No.: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

	725 kW DEG Monthly Total (hours)	725 kW Emergency DEG Monthly Total (hours)	725 kW DEG Rolling 12- Month Total (hours)	725 kW Emergency DEG Rolling 12- Month Total (hours)	725 kW DEG and 725 kW Emergency DEG Rolling 12- Month Total (hours)
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					

PROPOSED

MONITORING REPORT FORM OPACITY EXCEEDANCES

Issuance Date:

Expiration Date: April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information **semi-annually**:

(Make Copies for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature):_____

Visible Emissions:

Report the following on the lines provided below: all date(s) and six (6) minute average opacity reading(s) which the opacity limit was exceeded during the monthly observations; or if there were no exceedances during the monthly observations, then write "no exceedances" in the comment column.

[illegible]

VISIBLE EMISSIONS FORM REQUIREMENTS
STATE OF HAWAII
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT

Issuance Date:

Expiration Date: April 24, 2019

The **Visible Emissions (VE) Form** shall be completed **monthly** (*each calendar month*) for each equipment subject to opacity limits in accordance with 40 CFR Part 60, Appendix A, Method 9. At least **annually** (*calendar year*), VE observation shall be conducted for each equipment subject to opacity limits by a certified reader in accordance with Method 9. The VE Form shall be completed as follows:

1. VE observations shall take place during the day only. The opacity shall be noted in five (5) percent increments (e.g., 25%).
2. Orient the sun within a 140 degree sector to your back. Provide a source layout sketch on the VE Form using the symbols as shown.
3. For VE observations of stacks, stand at least three (3) stack heights but not more than a quarter mile from the stack.
4. For VE observations of fugitive emissions from crushing and screening plants, stand at least 4.57 meters (15 feet) from the visible emissions source, but not more than a quarter mile from the visible emission source.
5. Two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each stack or emission point.
6. The six (6) minute average opacity reading shall be calculated for each observation.
7. If possible, the observations shall be performed as follows:
 - a. Read from where the line of sight is at right angles to the wind direction.
 - b. The line of sight shall not include more than one (1) plume at a time.
 - c. Read at the point in the plume with the greatest opacity (without condensed water vapor), ideally while the plume is no wider than the stack diameter.
 - d. Read the plume at fifteen (15) second intervals only. Do not read continuously.
 - e. The equipment shall be operating at the maximum permitted capacity.
8. If the equipment was shut-down for that period, briefly explain the reason for shut-down in the comment column.

The permittee shall retain the completed VE Forms for recordkeeping. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department of Health, or their representative upon request.

Any required initial and annual performance test performed in accordance with Method 9 by a certified reader shall satisfy the respective equipment's VE monitoring requirements for the month the performance test is performed.

PROPOSED

VISIBLE EMISSIONS FORM TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT

Issuance Date:

Expiration Date: April 24, 2019

(Make Copies for Future Use for Each Stack or Emission Point)

Company Name: _____



For stacks, describe equipment and fuel: _____

For fugitive emissions from crushers and screens, describe:

Fugitive emission point: _____

Plant Production (tons/hr): _____

(During observation)

Stack **X**
Sun 
Wind 

Draw North Arrow

X Emission Point

Observers Position

140

Sun Location Line

Site Conditions:

Emission point or stack height above ground (ft): _____

Emission point or stack distance from observer (ft): _____

Emission color (black or white): _____

Sky conditions (% cloud cover): _____

Wind speed (mph): _____

Temperature (EF): _____

Observer Name: _____

Certified? (Yes/No): _____

Observation Date and Start Time: _____

	Seconds				
MINUTES	0	15	30	45	COMMENTS
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					

Observation Date and Start Time: _____

	Seconds				
MINUTES	0	15	30	45	COMMENTS
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT**

Issuance Date:

Expiration Date: April 24, 2019

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall provide the following information to the Department of Health:

(Make Copies for Future Use)

1. The permittee shall submit a change of location request for all location changes. The change of location request shall include the attached Change of Location Request for a Temporary Source Form and the items identified in nos. 2, 3, and 4 below. The change of location request shall be submitted to the Department of Health for approval at least thirty (30) days, or such lesser time as designated and approved by the Department of Health, prior to the change in location.
2. The permittee shall submit a location map of the new temporary location containing the following information:
 - a. Identification of the property boundary, fence lines, and general terrain features (i.e., flat, hilly, steep);
 - b. Location of all structures within 100 meters (330 feet) of the equipment;
 - c. Location of the equipment moving to the new temporary location; and
 - d. Location of other air pollution sources owned and operated by the permittee at the new location, if any.
3. The permittee shall submit a filing fee with each change in location request. The filing fee shall be made payable to the **Clean Air Special Fund-COV** and is as follows:

Covered Sources

_____ \$100.00 for Non-Air Toxic

_____ \$300.00 for Air Toxic

4. If requested by the Department of Health, the permittee shall submit any additional information including an ambient air quality impact analysis of the equipment at the new location.
5. This notification form shall be mailed to the following address:

**CLEAN AIR BRANCH
ENVIRONMENTAL MANAGEMENT DIVISION
HAWAII DEPARTMENT OF HEALTH
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814
(808) 586-4200**

-
1. Prior to any relocation, the Department of Health shall approve, conditionally approve, or deny in writing each location change. If the Department of Health denies a location change, the applicant may appeal the decision pursuant to HRS, Chapter 91.
 2. At each new authorized location, the permittee shall operate in accordance with the current Temporary Covered Source Permit and all applicable requirements.

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT
(PAGE 1 OF 2)**

Issuance Date:

Expiration Date: April 24, 2019

1. Company Name: _____
2. Mailing Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone Number: _____
3. Name of Owner/Owner's Agent: _____
 Title: _____ Phone Number: _____
4. Equipment Description (identify each equipment to be relocated): _____

5. Current Location of Equipment: _____

6. New Location Information

- a. Street Address: _____
- b. City: _____ Zip Code: _____ Island: _____
- c. For sites with no street address, provide:
 Description of location: _____
 or, Tax map key: _____
- d. Plant manager/contact: _____ Phone: _____
- e. Proposed start date at new location: _____
- f. Estimated project duration at new location: _____
- g. Describe general terrain features (e.g. flat, hilly, steep, etc.): _____
 Approximate Slope (%): _____ Direction of increasing slope: _____
- h. List structures within **100 meters (330 feet)** of the equipment and which have heights greater than forty percent (40%) of the equipment stack height. In the following table, provide the height, length, width, and distance to the equipment stack at the new site. If there are no applicable structures, specify "none."

Structure	Distance from Stack (ft)	Height (ft)	Length (ft)	Width (ft)

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0040-01-CT
(PAGE 2 OF 2)**

Issuance Date:

Expiration Date: April 24, 2019

- i. Brief description of the work to be performed: _____

- j. Identify other air pollution sources owned and operated by the permittee at the new location, if any: _____

- k. Provide estimated distances to the nearest residence and/or occupied establishments (e.g. schools, businesses, etc.):

Distance	Identify if residence, school, business, etc.

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record. I further state that no modifications will be made to the equipment and operational methods will remain similar as permitted under the current temporary covered source permit at this new location.

Responsible Official (Print name): _____ Date: _____

Title of Responsible Official: _____

Responsible Official (Signature): _____